

1997 Chevrolet S10 Pickup

1997 GENERAL MOTORS Blazer, Bravada, Jimmy, S10 Pickup & Sonoma

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BUZZERS, RELAYS & TIMERS

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Component	Component Location
A/C Compressor Relay (2.2L VIN 4)	On center rear of engine compartment. See Fig. 1 .
A/C Compressor Relay (4.3L VIN W, X)	On center rear of engine compartment. See Fig. 2 .
Blower Motor Relay	On center rear of engine compartment.
Daytime Running Lamps (DRL) Relay	Behind glove box, on relay center.
Door Lock Relay	Behind right side of dash, above blower plenum.
Fog Lamp Relay	Behind glove box, on relay center.
Fuel Pump Relay (2.2L VIN 4)	Behind glove box, on relay center. See Fig. 1 .
Fuel Pump Relay (4.3L VIN W, X)	Behind glove box, on relay center. See Fig. 2 .
Hazard Flasher	In power distribution center.
Horn Relay	Behind glove box, on relay center.
Map/Dome Lamp Relay	Behind dash, right of steering column.
Starter Relay	Center rear of engine compartment.
Turn Signal Lamp Flasher	In power distribution center.

CIRCUIT PROTECTION DEVICES

CIRCUIT PROTECTION DEVICES

Component	Component Location
Battery Junction Block	On left rear of engine compartment.
Diode, A/C Compressor Clutch	At A/C compressor.
Dash Fuse Block (2.2L VIN 4)	On left side of dash. See Fig. 1 .
Dash Fuse Block (4.3L VIN W, X)	On left side of dash. See Fig. 2 .
Power Distribution Center	In I/P below and in front of radio.
Relay Center	Behind glove box.

CONTROL UNITS

CONTROL UNITS

Component	Component Location
Alarm Module	In power distribution center.
Chime Module	In power distribution center.
Cruise Control Module	On left side of firewall.
Daytime Running Lamps (DRL) Module	Between HVAC module & glove box.

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Inflatable Restraint Diagnostic Energy Reserve Module	Behind right kick panel.
Electronic Ignition Control Module (2.2L VIN 4)	On right side of engine, near camshaft position sensor. See Fig. 1 .
Electronic Ignition Control Module (Electronic Spark Control) (4.3L VIN W, X)	On top right side of engine. See Fig. 2 .
Fuel Level Buffer Module	Under glove box.
Heater & A/C Controller	Under center of dash.
Interior Lamp Control Module	Behind left side of dash.
Powertrain Control Module (PCM) (2.2L VIN 4)	On right front of engine compartment. See Fig. 1 .
Remote Keyless Entry Module	Behind lower left side of dash, near park brake.
Sun Roof Express Module	Part of sun roof assembly.
Transfer Case Control Module	Behind center of dash.
Vehicle Control Module (VCM) (4.3L VIN W, X)	On right front of engine compartment. See Fig. 2 .
Windshield Wiper Pulse Control Module	On center of firewall.

MOTORS

MOTORS

Component	Component Location
Blower Motor	On right rear of engine compartment.
Power Door Lock Motors (4)	In bottom rear of each door.
Power Seat Motors (3)	Under each front seat.
Power Window Motors (4)	In each door.
Liftgate Lock Actuator	In endgate, below glass.
Mode Door Vacuum Actuator (Lower)	On left side of air distributor module.
Mode Door Vacuum Actuator (Upper)	On right side of air distributor module.
Washer Pump Motor (Front)	In washer fluid reservoir, on left front of engine compartment.
Washer Pump Motor (Rear)	In washer fluid reservoir, on left front of engine compartment.
Wiper Motor (Front)	Part of windshield wiper pulse control module.
Wiper Motor (Rear)	On top center of rear endgate.

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS

Component	Component Location
A/C Refrigerant Pressure Sensor (2.2L VIN 4)	On right rear of engine compartment. See Fig. 1 .
ABS Wheel Speed Sensors (2)	Inside of respective front wheel.
Arming Sensor (2WD)	Inside left frame rail.
Arming Sensor (4WD)	On second crossmember, near left frame rail.

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Ambient Air Temperature Sensor	In front center of vehicle, near hood latch.
Camshaft Position Sensor (2.2L VIN 4)	In right side of engine, near spark plug wires. See <u>Fig. 1.</u>
Camshaft Position Sensor (4.3L VIN W, X)	In distributor. See <u>Fig. 2.</u>
Crankshaft Position Sensor (2.2L VIN 4)	Lower right front of engine. See <u>Fig. 1.</u>
Crankshaft Position Sensor (4.3L VIN W, X)	On front of engine, near crankshaft pulley.
Discriminating Sensors (2)	On frame rail on respective sides of engine compartment.
Engine Coolant Temperature Gauge Sensor (4.3L VIN W, X)	On lower left side of engine.
Engine Coolant Temperature (ECT) Sensor (w/Engine Coolant Temperature Gauge Sensor) (2.2L VIN 4)	Near thermostat housing, on front of engine. See <u>Fig. 1.</u>
Engine Coolant Temperature (ECT) Sensor (4.3L VIN W, X)	In lower left side of engine. See <u>Fig. 2.</u>
Fuel Level Sensor (w/Fuel Pump)	On top of fuel tank.
Fuel Pump Switch & Engine Oil Pressure Gauge Sensor (2.2L VIN 4)	On right side of engine. See <u>Fig. 1.</u>
Fuel Pump Switch & Engine Oil Pressure Gauge Sensor (4.3L VIN W, X)	On top rear of engine, near distributor. See <u>Fig. 2.</u>
Fuel Pump Sender	In top of fuel tank.
Fuel Tank Vapor Pressure Sensor (2.2L VIN 4)	Top of fuel tank. See <u>Fig. 1.</u>
Fuel Tank Vapor Pressure Sensor (4.3L VIN W, X)	Top of fuel tank. See <u>Fig. 2.</u>
Heated Oxygen Sensor (HO2S) (Left Front) (4.3L VIN W, X)	In left exhaust manifold. See <u>Fig. 2.</u>
Heated Oxygen Sensor (HO2S) (Post-Converter) (2.2L VIN 4)	In exhaust system, after catalytic converter.
Heated Oxygen Sensor (HO2S) (Pre-Converter) (4.3L VIN W, X)	In exhaust system, before catalytic converter. See <u>Fig. 2.</u>
Heated Oxygen Sensor (HO2S) (Post-Converter) (4.3L VIN W, X)	In exhaust system, after catalytic converter. See <u>Fig. 2.</u>
Heated Oxygen Sensor (HO2S) (Right Front) (4.3L VIN W, X)	In right exhaust manifold. See <u>Fig. 2.</u>
Intake Air Temperature (IAT) Sensor (2.2L VIN 4)	In fresh air intake duct. See <u>Fig. 1.</u>
Intake Air Temperature (IAT) Sensor (4.3L VIN W, X)	In fresh air intake duct. See <u>Fig. 2.</u>
Knock Sensor (KS) (2.2L VIN 4)	On lower right side of engine. See <u>Fig. 1.</u>
Knock Sensor (KS) (4.3L VIN W, X)	On top center of engine. See <u>Fig. 2.</u>
Manifold Absolute Pressure (MAP) Sensor (2.2L VIN 4)	On top center of engine. See <u>Fig. 1.</u>
Manifold Absolute Pressure (MAP) Sensor (4.3L VIN W, X)	On top center of engine. See <u>Fig. 2.</u>
Mass Air Flow (MAF) Sensor (4.3L VIN W, X)	On air intake assembly. See <u>Fig. 2.</u>

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Oxygen Sensor (O2S) (Pre-Converter) (2.2L VIN 4)	In exhaust manifold. See Fig. 1.
Throttle Position (TP) Sensor (2.2L VIN 4)	On throttle body assembly. See Fig. 1.
Throttle Position (TP) Sensor (4.3L VIN W, X)	On throttle body assembly. See Fig. 2.
Vehicle Speed Sensor (VSS) (2.2L VIN 4)	On left rear of transmission or transfer case. See Fig. 1.
Vehicle Speed Sensor (VSS) (4.3L VIN W, X)	On left rear of transmission or transfer case. See Fig. 2.

SOLENOIDS & SOLENOID VALVES

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Component	Component Location
1-2 Shift Solenoid Valve	Inside transmission.
2-3 Shift Solenoid Valve	Inside transmission.
3-2 Shift Solenoid Valve	Inside transmission.
Air Inlet Valve Actuator	On blower plenum, near right kick panel.
Air Temperature Valve Electric Actuator	On top of blower plenum.
Brake Pressure Modulator Valve (BPMV)	In left rear of engine compartment.
Brake Transmission Shift Interlock Solenoid (Bravada)	On center floor, near shift lever.
Brake Transmission Shift Interlock Solenoid (except Bravada)	On steering column, near shift lever.
Evaporative Emissions (EVAP) Canister Purge Solenoid (2.2L VIN 4)	On lower right side of engine. See Fig. 1.
Evaporative Emissions (EVAP) Canister Purge Solenoid (4.3L VIN W, X)	On top right rear of engine. See Fig. 2.
Evaporative Emissions (EVAP) Canister Vent Solenoid (2.2L VIN 4)	On crossmember, rear of fuel tank.
Idle Air Control (IAC) Valve (2.2L VIN 4)	Near throttle body assembly. See Fig. 1.
Idle Air Control (IAC) Valve (4.3L VIN W, X)	On throttle body assembly. See Fig. 2.
Linear EGR Solenoid Valve (2.2L VIN 4)	On top rear of engine. See Fig. 1.
Linear EGR Solenoid Valve (4.3L VIN W, X)	On top front of engine. See Fig. 2.
Pressure Control Solenoid Valve	Inside automatic transmission.
Torque Converter Clutch Pulse Width Modulation Solenoid Valve	Inside automatic transmission.
Window Release Solenoid (Rear)	In center of tailgate.

SWITCHES

SWITCHES

Component	Component Location
A/C Compressor Cycling Switch (4.3L VIN W, X)	On right rear of engine compartment, near

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	accumulator. See Fig. 2.
A/C High Pressure Cut-Off Switch (4.3L VIN W, X)	On rear of A/C compressor. See Fig. 2.
Automatic Transmission Fluid Pressure Manual Valve Position Switch	Inside transmission.
Back-Up Lamp Switch (2.2L VIN 4 A/T)	On left side of transmission.
Back-Up Lamp Switch (2.2L VIN 4 M/T)	On right side of transmission.
Back-Up Lamp Switch (4.3L VIN W, X)	On left side of transmission.
Brake Pressure Warning Switch	On left side of engine compartment, part of BPMV.
Clutch Pedal Position & Cruise Control Shutoff Switch	On clutch pedal support bracket.
Front Axle Switch	On front axle, right of differential.
Park Brake Warning Switch	On base of park brake assembly.
Park/Neutral Position (PNP) Switch	On left side of transmission.
Safety Belt Retractor Switch	Under driver's seat.
TCC Brake & Cruise Control Release Switch	On brake pedal support bracket.
Transmission Range (TR) Switch	On left side of transmission.
Wiper Cutout Switch (Rear)	Inside endgate.

MISCELLANEOUS

MISCELLANEOUS

Component	Component Location
Auxiliary Power Outlet (2)	On center of dash.
Blower Motor Resistor	On right rear of engine compartment, on blower module.
Data Link Connector (DLC) (2.2L VIN 4)	Under left side of dash. See Fig. 1.
Data Link Connector (DLC) (4.3L VIN W, X)	Under left side of dash. See Fig. 2.
Distributor (4.3L VIN W, X)	Top rear of engine. See Fig. 2.
Diode Module	Between HVAC module & glove box.
Fuel Injectors (2.2L VIN 4)	On top of engine, at intake ports. See Fig. 1.
Fuel Injectors (4.3L VIN W, X)	On top of engine, at intake ports. See Fig. 2.
Fuel Pump Prime Connector (2.2L VIN 4)	On left rear side of engine compartment.
Fuel Pump Prime Connector (4.3L VIN W, X)	On left rear side of engine compartment. See Fig. 2.
Ignition Coil (4.3L VIN W, X)	On top right side of engine. See Fig. 2.
Resistor, A/C Request Voltage Drop	In dash harness, near relay center.
Transfer Case Connector (Electric Shift 4WD)	On left side of transfer case.

CONNECTORS

CONNECTORS

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Component	Component Location
C100 (Black, 8 Pin)	Engine harness to oxygen sensor extension harness, rear of VCM, near blower motor.
C101 (Black, 7 Pin)	Engine harness to body harness, right of engine compartment, near VCM.
C102 (Black, 15 Pin)	Left rear of engine compartment, above brake booster.
C104 (Black, 6 Pin)	Chassis to engine harness, forward of lower evaporator housing.
C105 (Black, 4 Pin)	Engine harness to oxygen sensor extension harness, left frame rail, near VSS.
C108 (Black, 7 Pin)	Left rear of engine compartment, near battery junction box.
C109 (Yellow, 4 Pin)	Left rear of engine compartment, near battery junction box.
C111 (2.2L VIN 4) (White, 5 Pin)	Fuel injector harness connector, top center of engine.
C111 (4.3L VIN W) (Black, 12 Pin)	Fuel injector harness connector, top center of engine.
C111 (4.3L VIN X) (Black, 12 Pin)	Fuel injector harness connector, top center of engine.
C114 (Black, 2 Pin)	Left side of engine compartment, near cruise control module.
C117 (Black, 4 Pin)	Engine harness to oxygen sensor, right rear of automatic transmission.
C120 (Black, 15 Pin)	Right side of engine compartment, near powertrain control module.
C175 (Gray, 20 Pin)	Engine harness to A/T connector, on right side of A/T.
C203 (Black, 56 Pin)	Body harness to dash harness, behind right side of dash.
C207 (Black, 2 Pin)	Dash harness to safety belt retractor switch, under driver's seat.
C209 (Black, 10 Pin)	Body harness to dome harness, at left front of dash, at left front window.
C211 (Black, 48 Pin)	Body harness to steering column harness, near steering column.
C218 (Black, 1 Pin)	Dash to crossbody harness, behind top center of dash.
C219 (Black, 8 Pin)	Dash to crossbody harness, behind top center of dash.
C220 (Black, 6 Pin)	Dash harness to foglight switch & relay harness, behind dash, left of steering column.
C300 (Black, 2 Pin)	Dome harness to sun roof overhead harness, near

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	sun roof module.
C317 (Black, 2 Pin)	Body harness to left front seat belt switch & power seats, under left front seat.
C401 (Black, 4 Pin)	Chassis to taillight harness, near G402.
C402 (Black, 4 Pin)	Body harness to taillight harness, at left rear of vehicle.
C403 (Black, 4 pin)	Body harness to taillight harness, to right rear of vehicle.
C410 (Black, 4 Pin)	Body harness to tailgate harness, center rear of body, at tailgate.
C415 (Black, 6 Pin)	Body harness to tailgate harness, center rear of body, at tailgate.
C425 (Black, 3 Pin)	Body harness to tailgate harness, center rear of body, at tailgate.
C426 (Black, 8 Pin)	Body harness to left liftgate harness.
C427 (Black, 1 Pin)	Body harness to left liftgate harness.
C428 (Black, 8 Pin)	Body harness to right liftgate harness.
C429 (Black, 1 Pin)	Body harness to right liftgate harness.
C430 (Black, 2 Pin)	Chassis harness to license light harness, inside rear crossmember, in front of license plate.
C432 (Black, 1 Pin)	Body harness to rear defogger grid.
C433 (Gray, 1 Pin)	Body harness to rear defogger grid.
C500 (Black, 13 Pin)	Crossbody harness to left front door harness, in left front door.
C501 (Black, 16 Pin)	Crossbody harness to left front door harness, in left front door.
C601 (Black, 16 Pin)	Crossbody harness to right front door harness, in right front door.

GROUPS**GROUPS**

Component	Component Location
G100	Lower right front of engine block.
G101 (2.2L VIN 4)	Lower right radiator support.
G101 (4.3L VIN W)	Left rear of engine compartment, left side of A/C compressor relay.
G101 (4.3L VIN X)	Left rear of engine compartment, left side of A/C compressor relay.
G102 (2.2L VIN 4)	Left side of engine, below exhaust manifold.
G102 (4.3L VIN W)	Rear of right cylinder head.
G102 (4.3L VIN X)	Rear of right cylinder head.

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G103	Rear of right cylinder head.
G104	Left rear portion of cylinder head.
G105	Left rear portion of cylinder head.
G106	Battery negative harness, right side frame rail, near wheel speed sensor connector.
G107 (2.2L VIN 4)	Battery negative harness, right front of engine.
G107 (4.3L VIN W)	On front of engine, below water pump.
G107 (4.3L VIN X)	On front of engine, below water pump.
G108	Battery negative harness, right side of radiator support.
G109	Left side of radiator support.
G110	Right side of radiator support.
G111	Right side of radiator support.
G112	Left side of radiator support.
G113	Left rear of engine compartment, left side of A/C compressor relay.
G114	Right rear of engine, below crankshaft position sensor.
G115	Left rear of engine, below crankshaft position sensor.
G116	Left side of engine, below exhaust manifold.
G118	Left side of engine, below exhaust manifold.
G125	Left side of radiator support.
G126	Right side of radiator support.
G130	Left side of radiator support.
G132	Left side of engine, below exhaust manifold.
G180 (2.2L VIN 4)	Lower left side of radiator support.
G180 (4.3L VIN W)	Lower right side of radiator support.
G180 (4.3L VIN X)	Lower right side of radiator support.
G402	Left rear of frame, on crossmember.
G410 (Pickup)	Near trailer wiring provision.
G410 (Utility)	In left rear frame rail, on crossmember.
G420	Body harness, right "D" pillar.
G452 (Pickup)	Near trailer wiring provision.
G452 (Utility)	Left "D" pillar, near taillights.

SPLICES**SPLICES**

Component	Component Location
S100	Engine harness, 30 cm from VCM connector breakout.

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S101 (2.2L VIN 4)	Engine harness, 12 cm from A/C refrigerant pressure sensor breakout.
S101 (4.3L VIN W)	Engine harness, 6.5 cm from generator breakout.
S101 (4.3L VIN X)	Engine harness, 6.5 cm from generator breakout.
S102 (2.2L VIN 4)	Engine harness, 19 cm from injector harness breakout.
S102 (4.3L VIN W)	Engine harness, 8 cm left of generator breakout.
S102 (4.3L VIN X)	Engine harness, 8 cm left of generator breakout.
S103 (2.2L VIN 4)	Engine harness, 20 cm from A/C compressor connector.
S103 (4.3L VIN W)	Engine harness, 7.5 cm from A/C compressor breakout.
S103 (4.3L VIN X)	Engine harness, 7.5 cm from A/C compressor breakout.
S104 (2.2L VIN 4)	Engine harness, 20 cm from A/C compressor connector.
S104 (4.3L VIN W)	Engine harness, 7.5 cm from A/C compressor breakout.
S104 (4.3L VIN X)	Engine harness, 7.5 cm from A/C compressor breakout.
S106 (2.2L VIN 4)	Engine harness, 8 cm from breakouts to connector C102 & oxygen sensor.
S106 (4.3L VIN W)	Engine harness, 4 cm from breakout to generator.
S106 (4.3L VIN X)	Engine harness, 4 cm from breakout to generator.
S107 (2.2L VIN 4)	Engine harness, 15 cm from dash harness breakout.
S107 (4.3L VIN W)	Engine harness, 4 cm from C104 breakout toward generator breakout.
S107 (4.3L VIN X)	Engine harness, 4 cm from C104 breakout toward generator breakout.
S109 (2.2L VIN 4)	Engine harness, 6 cm from breakout to starter.
S109 (4.3L VIN W)	Engine harness, 7 cm right of C102.
S109 (4.3L VIN X)	Engine harness, 7 cm right of C102.
S110	In body harness, 16 cm from power distribution block ring terminal.
S111	Engine harness, 15 cm from VSS connector.
S112	Engine harness, 38 cm to left of C105 breakout.
S118	Dash extension harness, 40 cm from breakout to blower motor resistor.
S119	Body harness, 18 cm from positive battery terminal.
S121	Forward light harness, 4 cm right of front windshield washer pump breakout.
S122	Forward light harness, 6 cm right of left headlight breakout.

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S123	Forward light harness, 6 cm left of left headlight breakout.
S124	Forward light harness, 13 cm right of left headlight breakout.
S139	Fog lamp harness, 4 cm from left fog lamp breakout.
S140 (2.2L VIN 4)	Engine harness, 17 cm from C175 breakout.
S140 (4.3L VIN W)	Engine harness, 15 cm from C116 breakout.
S140 (4.3L VIN X)	Engine harness, 15 cm from C116 breakout.
S204	Dash harness, 11 cm right of instrument cluster breakout.
S205	Dash harness, 18 cm right of instrument cluster breakout.
S208	Dash harness, 35 cm right of instrument cluster breakout.
S209	Dash harness, 39 cm right of instrument cluster breakout.
S216	Dash harness, 39 cm right of instrument cluster breakout.
S224	Dash harness, 7 cm to right relay center breakout.
S240	Front of dash harness, 4 cm into steering column breakout.
S267	Body harness, 67 cm from dash harness connectors.
S269	Dome light harness, 5 cm from inside rearview mirror breakout.
S282	Body harness, in pancake mold, in floorpan area.
S303	Body harness, 8 cm into left rear door breakout.
S306	Body harness, 26 cm rear of rear door breakout.
S317	Oxygen sensor jumper, 10 cm rear of C126 breakout.
S318	Oxygen sensor jumper, 16 cm forward of C127 breakout.
S319	Body harness, 6 cm forward of C406 breakout.
S400	Body harness, 6 cm from endgate harness breakout.
S404	Body harness, 10 cm left of dome light breakout.
S405 (Pickup)	Chassis harness, 20 cm rear of EVAP vent valve breakout.
S405 (Utility)	Body harness, 10 cm left of dome light breakout.
S417	Rear light harness, 10 cm rear of pass-through on left side.
S418	Rear light harness, 10 cm rear of pass-through on right side.
S419	Rear light harness, 4 cm from breakout for left

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	back-up light.
S420	Rear light harness, 4 cm from breakout for right back-up light.
S500	Left front door harness, 13 cm from crossbody harness connector.
S501	Left front door harness, 17 cm from crossbody harness connector.
S502	Left front door harness, 11 cm from crossbody harness connector.
S601	Right front door harness, 17 cm from crossbody harness connector.
S602	Right front door harness, 13 cm from crossbody harness connector.

COMPONENT LOCATION GRAPHICS

NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.

COMPUTER HARNESS

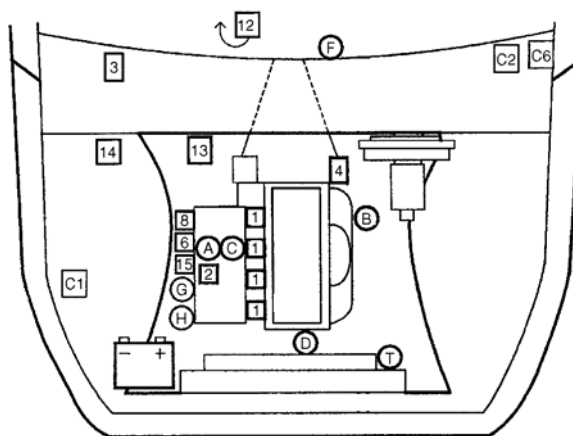
- C1. Powertrain Control Module (PCM)
- C2. Data Link Connector (DLC)
- C6. Dash Fuse Block

CONTROLLED DEVICES

- 1. Fuel Injectors
- 2. Idle Air Control (IAC) Valve
- 3. Fuel Pump Relay
- 4. Linear EGR Solenoid Valve
- 6. Electronic Ignition Control Module
- 8. Fuel Pump Switch & Engine Oil Pressure Gauge Sensor
- 12. Fuel Tank Vapor Pressure Sensor
- 13. A/C Compressor Relay
- 14. A/C Refrigerant Pressure Sensor
- 15. Evaporative Emissions (EVAP) Canister Purge Solenoid

INFORMATION SENSORS

- A. Manifold Absolute Pressure (MAP) Sensor
- B. Oxygen Sensor (O2S) (Pre-Converter)
- C. Throttle Position (TP) Sensor
- D. Engine Coolant Temperature (ECT) Sensor
- F. Vehicle Speed Sensor (VSS)
- G. Knock Sensor (KS)
- H. Camshaft Position Sensor
- T. Intake Air Temperature (IAT) Sensor



2.2L (VIN 4)

G97E00111

Fig. 1: Engine Compartment (2.2L VIN 4)

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COMPUTER HARNESS

- C1. Vehicle Control Module (VCM)
- C2. Data Link Connector (DLC)
- C6. Dash Fuse Block
- C8. Fuel Pump Prime Connector

CONTROLLED DEVICES

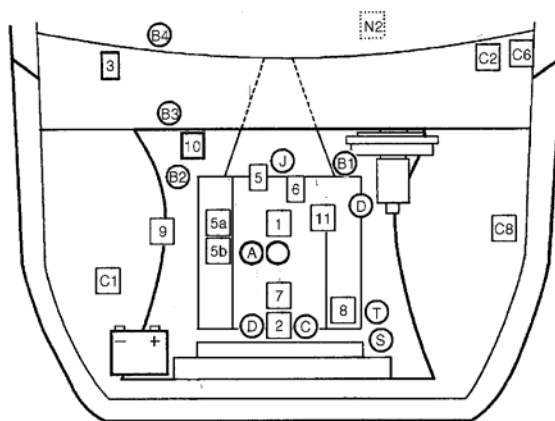
- 1. Fuel Injectors
- 2. Idle Air Control (IAC) Valve
- 3. Fuel Pump Relay
- 5. Distributor (Camshaft Position Sensor)
- 5a. Ignition Coil
- 5b. Electronic Ignition Control Module (Electronic Spark Control)
- 6. Fuel Pump Switch & Engine Oil Pressure Gauge Sensor
- 7. Linear EGR Solenoid Valve
- 8. A/C High Pressure Cut-Off Switch
- 9. A/C Compressor Cycling Switch
- 10. A/C Compressor Relay
- 11. Evaporative Emissions (EVAP) Canister Purge Solenoid

INFORMATION SENSORS

- A. Manifold Absolute Pressure (MAP) Sensor
- B1. Heated Oxygen Sensor (HO2S) (Left Front)
- B2. Heated Oxygen Sensor (HO2S) (Right Front)
- B3. Heated Oxygen Sensor (HO2S) (Pre-Converter)
- B4. Heated Oxygen Sensor (HO2S) (Post-Converter)
- C. Throttle Position (TP) Sensor
- D. Engine Coolant Temperature (ECT) Sensor
- F. Vehicle Speed Sensor (VSS)
- J. Knock Sensor (KS)
- T. Intake Air Temperature (IAT) Sensor
- S. Mass Air Flow (MAF) Sensor

NOT VCM CONTROLLED

- N2. Fuel Tank Vapor Pressure Sensor



4.3L (VIN W, X)

Fig. 2: Engine Compartment (4.3L VIN W & VIN X)